

*The Water
Department
Capital
Improvements
Program is
committed to
creating a safe
and reliable water
treatment and
distribution system
with state-of-the-
art facilities at the
lowest possible cost
to our customers.*



Firefighters Train at Alvarado Water Treatment Plant

Earlier this year the City of San Diego Water Department had the unique opportunity to partner with the city's Fire Department and carry out a training exercise. The Water Department was scheduled to demolish an old, condemned two-story building that had been relocated to a corner of the Alvarado Water Treatment Plant facility. The structure was at one point the dam keeper's residence, but had long been abandoned due to structural deficiencies.



Firefighters use ladders to practice entering a second story.

Instead of simply asking a contractor to demolish and remove the building, the Water Department offered it to the Fire Department. After a quick inspection, the Fire Department realized this building offered the perfect stage for a search and rescue training exercise.



The exercise took place without a hitch on March 31. Three engine companies and one truck company participated in the all-day event. More than twenty firefighters benefited from the training. The exercises required filling the building with smoke, knocking down walls, entering through the roof, and breaking windows to simulate the rescue of possible victims. San Diego's firefighters gained valuable training for the next time they are called to duty.



Useful Phone Numbers

<i>Project Information Line:</i>	<i>619-533-4679</i>
<i>Billing Information:</i>	<i>619-515-3500</i>
<i>Recycled Water Program:</i>	<i>619-515-3500</i>
<i>Drinking Water Questions:</i>	<i>619-668-3233</i>
<i>Water Pressure Problems:</i>	<i>619-527-7482</i>
<i>Report a Water Main Break:</i>	<i>619-515-3525</i>
<i>Lakes Recreation Program:</i>	<i>619-465-3474</i>
<i>Speakers Bureau:</i>	<i>619-533-6638</i>
<i>Group Jobs Information:</i>	<i>858-573-5081</i>
<i>Storm Water Pollution Prevention:</i>	<i>619-235-1000</i>
<i>Water Theft Code Enforcement:</i>	<i>619-533-4151</i>
<i>EPA Drinking Water Information:</i>	<i>800-426-4791</i>

This information is available in alternative formats upon request.

Printed on recycled paper.

Earl Thomas Reservoir Facts and Figures

- Inside diameter – 406'
- Water depth – 38'
- 2,280 deliveries of 20,600 cubic yards of concrete – enough concrete to cover a football field, 16 feet thick
- 58 reels of prestressing strand – 242 miles long if placed end to end – about the distance from San Diego to Santa Barbara



HELP KEEP OUR BEACHES CLEAN

Storm drains are not connected to the sewer system. Sandbags, fences and other measures are in place near this construction site to prevent sediment and pollutants from entering the City's storm water conveyance system. Removing or altering these materials is illegal in accordance with the City of San Diego's Municipal Code 142.0146 (b).



Find out more at www.thinkblue.org.

Earl Thomas Reservoir: In Service & Ready for Landscaping

The City of San Diego completed construction of the 35-million gallon Earl Thomas Reservoir. This is the world's largest pre-stressed concrete drinking water reservoir. It was successfully placed in service on December 10, 2004 marking a major milestone in the upgrade and expansion project at the Alvarado Water Treatment Plant.

Once the tank was placed in service, grading activities soon followed. The contractor imported approximately 131,200 cubic yards of dirt to bury the tank. Once the tank is safely stored underground, landscaping around the tank will begin. Expect to see some activity in late May and early June.



Among the improvements visitors to Lake Murray will soon see a new directional sign on the corner of Lake Murray Boulevard and Kiowa Drive. The sign was ordered to help visitors identify the entrance to Lake Murray



Crews will use 131,200 CY of backfill to cover the Earl Thomas tank.

and the Mission Trails Regional Park. On Kiowa Drive, visitors will take in new oaks and sycamores as well as native landscaping and recently planted coastal sage scrub habitat. The combination of plants selected will minimize the weeds along the sidewalk, allowing easy access for strollers, rollerbladers and pedestrians alike.

A few feet north of the entrance, the City is building a new decomposed granite (DG) parking lot. The parking lot will provide additional flexibility to Lake Murray visitors unable to find street parking. For added safety, new street lamps will also be installed between the corner of Lake Murray Blvd. and Kiowa Drive up to the Lake Murray entrance.

Lake Front Construction Is Making Progress

We're working on all fronts! Work along Lake Murray's shoreline is quickly taking shape. The contractor is on-schedule building two new flocculation and sedimentation basins. From across Lake Murray, you may have noticed the lower than usual water level at the lake. We're working with the Alvarado Water Treatment Plant supervisors to maintain a low water level at the lake to ensure construction activity and retaining wall construction along the shoreline can move forward without any dangers of flooding. The lower lake level does not impact any recreational activities and will continue throughout the remainder of the year.



Contractors for Phase II work close to the lake taking advantage of the treatment plant's property line.

If you're interested in learning more about recreational activities at Lake Murray, visit our Web site at <http://www.sandiego.gov/water/recreation/index.shtml> or you can call the City of San Diego Lakes and Recreation staff at (619) 668-3274.



Alvarado Water Treatment Plant

- 1951** Plant placed in service. Capacity: produced 66 million gallons of drinking water per day (66 mgd)
- 1986** Congress passes Safe Drinking Water Act creating new water treatment regulations
- 1997** Work completed on two new 21 million gallon drinking water storage tanks
- 1998** Work at Alvarado WTP received the American Society of Civil Engineers National Award and the American Public Works Association Project of the Year Award
- 2004** Earl Thomas Reservoir completed, increasing total treated water storage to 77 mgd at the plant
- 2004-2010** Construction ongoing for upgrades and expansion to meet future demands and stricter drinking water standards; at completion, will treat up to 200 mgd

For more information about the Water Department Capital Improvements Program, please visit www.sandiego.gov/water/cip, or for updated information about this project, call the CIP Information Line at (619) 533-4679.